Application Number	10/667,144
Filing Date	September 19, 2003
First Named Inventor	Michael T. Carley
Art Unit	3734
Examiner Name	Lindsey Michele Bachman
Attorney Docket Number	16497.1.1.5

	U.S. PATENT APPLICATIONS				
Examiner Initials*	Cite No.	Document Number	Filing Date	Name of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	60/696069	7/1/2005	Pantages et al.	
	2	60/946026	6/25/2007	Ellingwood	
	3	12/393877	02/26/2009	Ellingwood et al.	
	4	12/403277	03/12/2009	Coleman et al.	

	U.S. PATENTS				
Examiner Initials*	Cite No.	Patent Number	Issue Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
	5	1,426,111	08/15/1922	Sacker	
	6	1,516,990	11/25/1924	Silverman	
	7	1,596,004	08/17/1926	De Bengoa	
	8	1,647,958	11/01/1927	Ciarlante	
	9	1,847,347	03/01/1932	Maisto	
	10	1,880,569	10/04/1932	Weis	
	11	1,852,098	04/05/1932	Anderson	
	12	2,075,508	03/30/1937	Davidson	
	13	2,316,297	04/13/1943	Southerland et al.	
	14	2,951,482	09/06/1960	Sullivan	
	15	3,014,483	12/26/1961	McCarthy	
	16	3,513,848	05/26/1970	Winston et al	
	17	3,525,340	08/25/1970	Gilbert	
	18	3,664,345	05/23/1972	Dabbs et al	
	19	3,732,719	05/15/1973	Pallotta	
	20	3,750,650	08/07/1973	Ruttgers	
	21	3,753,438	08/21/1973	Wood et al	
	22	3,831,608	08/27/1974	Kletschka et al	
	23	3,856,016	12/24/1974	Davis	
	24	3,931,821	01/13/1976	Kletschka et al	

Application Number	10/667,144
Filing Date	September 19, 2003
First Named Inventor	Michael T. Carley
Art Unit	3734
Examiner Name	Lindsey Michele Bachman
Attorney Docket Number	16497.1.1.5

			U.S. PATEN	TS	
Examiner Initials*	Cite No.	Patent Number	Issue Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	25	3,976,079	08/24/1976	Samuels et al	
	26	4,064,881	12/27/1977	Meredith	
	27	4,162,673	07/31/1979	Patel	
	28	4,169,476	10/02/1979	Hiltebrandt	
	29	4,215,699	08/05/1980	Patel	
	30	4,287,489	09/01/1981	Pinkham	
	31	4,291,698	09/29/1981	Fuchs, deceased et al	
	32	4,317,445	03/02/1982	Robinson	
	33	4,387,489	06/14/1983	Dudek	
	34	4,400,879	08/30/1983	Hildreth	
	35	4,577,635	03/25/1986	Meredith	
	36	4,644,956	02/24/1987	Morgenstern	
	37	4,667,675	05/26/1987	Davis	
	38	4,683,895	08/04/1987	Pohndorf	
	39	4,750,492	06/14/1988	Jacobs	
	40	4,773,421	09/27/1988	Davis	
	41	4,813,586	03/21/1989	Seifert	
	42	4,823,794	04/25/1989	Pierce	
	43	4,866,818	09/19/1989	Thompson	
	44	4,929,240	05/29/1990	Kirsch, et al.	
	45	4,961,729	10/09/1990	Vaillancourt	
	46	5,009,663	04/23/1991	Broomé	
	47	5,059,201	10/22/1991	Asnis	
	48	5,071,430	12/10/1991	de Salis et al.	
	49	5,122,122	06/16/1992	Allgood	
***************************************	50	5,160,339	11/03/1992	Chen et al.	
	51	5,171,251	12/15/1992	Bregen et al	
	52	5,176,682	01/05/1993	Chow	
	53	5,192,602	03/09/1993	Spencer, deceased et al.	

Application Number	10/667,144
Filing Date	September 19, 2003
First Named Inventor	Michael T. Carley
Art Unit	3734
Examiner Name	Lindsey Michele Bachman
Attorney Docket Number	16497.1.1.5

			U.S. PATEN	TS	
Examiner Initials*	Cite No.	Patent Number	Issue Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	54	5,203,787	04/20/1993	Noblitt et al.	
	55	5,217,024	06/08/1993	Dorsey et al.	
	56	5,219,359	06/15/1993	McQuilkin et al	
	57	5,226,908	07/13/1993	Yoon	
	58	5,234,449	08/10/1993	Bruker et al.	
	59	5,236,435	08/17/1993	Sewell, Jr.	
	60	5,236,445	08/17/1993	Hayhurst et al.	
	61	5,242,459	09/07/1993	Buelna	
	62	5,258,015	11/02/1993	Li et al	
	63	5,282,832	02/01/1994	Toso et al	
	64	5,306,280	04/26/1994	Bregen et al	
	65	5,330,442	07/19/1994	Green et al	
	66	5,364,408	11/15/1994	Gordon	
	67	5,376,101	12/27/1994	Green et al	
	68	5,383,896	01/24/1995	Gershony, et al.	
	69	5,383,905	01/24/1995	Golds et al	
	70	5,391,173	02/21/1995	Wilk	
	71	5,409,499	04/25/1995	Yi	
	72	5,419,777	05/30/1995	Hofling	
	73	5,425,489	06/20/1995	Shichman et al.	
	74	5,462,558	10/31/1995	Kolesa et al	
	75	5,474,572	12/12/1995	Hayhurst	
	76	5,501,698	03/26/1996	Roth et al	
	77	5,507,744	04/16/1996	Tay et al.	
	78	5,514,159	05/07/1996	Matula et al	
	79	5,521,184	05/28/1996	Zimmerman	
	80	5,540,716	07/30/1996	Hlavacek	
	81	5,543,520	08/06/1996	Zimmerman	
	82	5,575,771	11/19/1996	Walinsky	

Application Number	10/667,144
Filing Date	September 19, 2003
First Named Inventor	Michael T. Carley
Art Unit	3734
Examiner Name	Lindsey Michele Bachman
Attorney Docket Number	16497.1.1.5

	U.S. PATENTS				
Examiner Initials*	Cite No.	Patent Number	Issue Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	83	5,593,422	01/14/1997	Muijs Van der Moer et al.	
	84	5,593,425	01/14/1997	Bonutti et al.	
	85	5,611,986	03/18/1997	Datta et al.	
	86	5,618,306	04/08/1997	Roth et al	
	87	5,620,452	04/15/1997	Yoon	
	88	5,630,824	05/20/1997	Hart	
	89	5,645,553	07/08/1997	Kolesa et al.	
	90	D383,539	9/9/1997	Croley	
	91	5,669,917	09/23/1997	Sauer et al	
	92	5,681,351	10/28/1997	Jamiolkowski et al	
	93	5,700,273	12/23/1997	Buelna et al.	
	94	5,709,708	01/20/1998	Thal	
	95	5,720,765	02/24/1998	Thal	
	96	5,725,556	03/10/1998	Moser et al	
	97	5,728,109	03/17/1998	Schulze et al	
	98	5,782,860	07/21/1998	Epstein et al.	
	99	5,782,861	07/21/1998	Cragg et al.	
	100	5,735,875	04/07/1998	Bonutti et al.	
	101	5,735,877	04/07/1998	Pagedas	
	102	5,749,898	05/12/1998	Schulze et al	
	103	5,769,862	06/23/1998	Kammerer et al	
	104	5,776,150	07/07/1998	Nolan et al	
	105	5,782,864	07/21/1998	Lizardi	
	106	5,795,958	08/18/1998	Rao et al	
	107	5,797,958	08/25/1998	Yoon	
	108	5,810,877	09/22/1998	Roth et al	
	109	5,814,069	09/28/1998	Schulze et al	
	110	5,846,254	12/08/1998	Schulze et al	
	111	5,860,991	01/19/1999	Klein et al.	

Application Number	10/667,144
Filing Date	September 19, 2003
First Named Inventor	Michael T. Carley
Art Unit	3734
Examiner Name	Lindsey Michele Bachman
Attorney Docket Number	16497.1.1.5

			U.S. PATEN	TS	
Examiner Initials*	Cite No.	Patent Number	Issue Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	112	5,871,490	02/16/1999	Schulze et al	
	113	5,893,592	04/13/1999	Schulze et al	
	114	5,907,893	06/01/1999	Zadno-Azizi et al	
	115	5,919,208	07/06/1999	Valenti	
	116	5,976,159	11/02/1999	Bolduc et al	
	117	5,993,476	11/30/1999	Groiso	
	118	6,024,750	02/15/2000	Mastri	
	119	6,024,758	02/15/2000	Thal	
	120	6,033,427	03/07/2000	Lee	
	121	6,063,114	05/16/2000	Nash et al.	
	122	6,066,160	05/23/2000	Colvin et al.	
	123	6,074,409	06/13/2000	Goldfarb	
	124	6,086,608	07/11/2000	Ek et al.	
	125	6,092,561	07/25/2000	Schmid	
	126	6,099,553	08/08/2000	Hart et al	
	127	6,106,545	08/22/2000	Egan	
	128	6,117,125	09/12/2000	Rothbarth et al.	
	129	6,126,677	10/03/2000	Ganaja et al.	
	130	6,143,017	11/07/2000	Thal	
	131	6,152,934	11/28/2000	Harper et al.	
	132	6,159,234	12/12/2000	Bonutti et al.	
	133	6,165,204	12/26/2000	Levinson et al.	
	134	6,174,324	01/16/2001	Egan et al.	
	135	6,200,329	03/13/2001	Fung et al.	
	136	6,203,565	03/20/2001	Bonutti et al.	
	137	6,220,248	04/24/2001	Voegele, et al.	
	138	6,231,592	05/15/2001	Bonutti et al.	
	139	6,254,615	07/03/2001	Bolduc et al.	
	140	6,383,208	05/07/2002	Sancoff et al.	
			1	1	1

Application Number	10/667,144
Filing Date	September 19, 2003
First Named Inventor	Michael T. Carley
Art Unit	3734
Examiner Name	Lindsey Michele Bachman
Attorney Docket Number	16497.1.1.5

U.S. PATENTS					
Examiner Initials*	Cite No.	Patent Number	Issue Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	141	D457,958	5/28/2002	Dycus	
	142	6,423,054	07/23/2002	Ouchi	
	143	6,447,540	09/10/2002	Fontaine et al.	
	144	6,458,130	10/01/2002	Frazier et al.	
	145	6,500,115	12/31/2002	Krattiger et al.	
	146	6,569,173	05/27/2003	Blatter et al	
	147	6,613,059	09/02/2003	Schaller et al.	
	148	6,652,556	11/25/2003	VanTassel et al.	
	149	6,689,147	02/10/2004	Koster, Jr.	
	150	6,702,826	03/09/2004	Liddicoat, et al.	
	151	6,780,197	08/24/2004	Roe et al.	
	152	6,846,319	01/25/2005	Ginn et al.	
	153	6,989,003	01/24/2006	Wing et al.	
	154	6,989,016	01/24/2006	Tallarida et al.	
	155	7,033,379	04/25/2006	Peterson	
	156	7,063,711	06/20/2006	Loshakove et al.	
	157	7,108,710	09/19/2006	Anderson	
	158	7,144,411	12/05/2006	Ginn et al.	
	159	7,169,164	01/30/2007	Borillo et al.	
	160	D566,272	4/8/2008	Walberg et al.	

		U.S. P	ATENT APPLICATION	ON PUBLICATIONS	
Examiner Initials*	Cite No.	Publication Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
	161	20030009196	01/09/2003	Peterson	
	162	20030032981	02/13/2003	Kanner et al.	
	163	20030065358	04/03/2003	Frecker et al.	
	164	20030195504	10/16/2003	Tallarida et al.	
	165	20040082906	04/29/2004	Tallarida et al.	

Application Number	10/667,144
Filing Date	September 19, 2003
First Named Inventor	Michael T. Carley
Art Unit	3734
Examiner Name	Lindsey Michele Bachman
Attorney Docket Number	16497.1.1.5

	U.S. PATENT APPLICATION PUBLICATIONS					
Examiner Initials*	Cite No.	Publication Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	166	20040092968	05/13/2004	Caro et al.		
	167	20050165357	07/28/2005	McGuckin et al.		
	168	20050234508	10/20/2005	Cummins et al.		
	169	20050283188	12/22/2005	Loshakove et al.		
	170	20060265012	11/23/2006	Anderson		
	171	20070010853	01/11/2007	Ginn et al.		
	172	20080004636	01/03/2008	Walberg		
	173	20080221616	09/11/2008	Ginn et al.		
	174	20080312686	12/18/2008	Ellingwood		
	175	20090177212	07/09/2009	Carley et al.		
	176	20090177213	07/09/2009	Carley et al.		

		FORE	EIGN PATENT DOC	UMENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Country Code	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т1
	177	DE 19859952	02/17/2000	DE		
	178	JP 11500642	08/25/1997	JP		
	178	SU 197801	06/09/1967	SU		
	180	WO 01/21058	03/29/2001	wo		
	181	WO 01/47594	07/05/2001	wo		
	182	WO 02/28286	04/11/2002	wo		
	183	WO 07/05585	1/11/2007	wo		
	184	WO 95/21573	08/17/1995	wo		
	185	WO 97/27897	08/07/1997	wo		
	186	WO 97/28745	08/14/1997	wo		
	187	WO 98/06346	02/19/1998	wo		
	188	WO 99/60941	12/02/1999	wo		
	189	ZA 200100528	01/19/2001	ZA		

Application Number	10/667,144
Filing Date	September 19, 2003
First Named Inventor	Michael T. Carley
Art Unit	3734
Examiner Name	Lindsey Michele Bachman
Attorney Docket Number	16497.1.1.5

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published	T 1
	190	MCCARTHY, et al., "Tension (Stay) Suture Bridge", J. of International College of Surgeons, 34(5), pp. 613-614 (Nov. 1960). cited by other.	
	191	MD GONZE ET AL, Complications associated with percutaneous closure devices, Conference: Annual Meeting of the Society for Clinical Vascular Surgery, The American journal of surgery, March 1999, Pages 209-211, Vol. 178, No. 3, Department of Surgery, Section of Vascular Surgery, Ochsner Medical Institutions, New Orleans, LA.	

	OF	FICE ACTION / NOTIC	CE OF ALLOWANCE / I	SSUE NOTIFICATION DOCUMENTS
Examiner Initials*	Cite No.	Application Number	Mail Date	Document
	192	09/680837	07/09/2002	Office Action
	193	09/680837	11/06/2002	Office Action
	194	09/680837	03/25/2003	Office Action
	195	09/680837	06/16/2003	Notice Of Allowance
	196	09/680837	09/11/2003	Issue Notification
	197	10/006400	01/02/2009	Office Action
	198	10/006400	04/29/2009	Notice Of Allowance
	199	10/027681	07/08/2009	Office Action
	200	10/147774	03/18/2009	Office Action
	201	10/264306	02/26/2009	Office Action
	202	10/264306	08/13/2009	Office Action
	203	10/305923	11/01/2004	Office Action
	200	10/305923	03/03/2005	Notice Of Allowance
	200	10/356214	11/04/2008	Office Action
	200	10/356214	04/29/2009	Office Action
	207	10/435104	11/14/2007	Notice Of Allowance
	208	10/435104	12/22/2008	Notice Of Allowance
	209	10/517004	08/13/2008	Notice Of Allowance
	210	10/517004	02/10/2009	Notice Of Allowance
	211	10/517004	06/26/2009	Notice Of Allowance
	212	10/541083	10/31/2007	Office Action

Application Number	10/667,144
Filing Date	September 19, 2003
First Named Inventor	Michael T. Carley
Art Unit	3734
Examiner Name	Lindsey Michele Bachman
Attorney Docket Number	16497.1.1.5

	OFFICE ACTION / NOTICE OF ALLOWANCE / ISSUE NOTIFICATION DOCUMENTS				
Examiner Initials*	Cite No.	Application Number	Mail Date	Document	
	213	10/541083	12/29/2008	Notice Of Allowance	
	214	10/541083	04/16/2009	Notice Of Allowance	
	215	10/616832	07/21/2009	Office Action	
	216	10/638115	10/29/2008	Office Action	
	217	10/638115	05/07/2009	Notice Of Allowance	
	218	10/667144	03/24/2009	Office Action	
	219	10/669313	10/31/2005	Office Action	
	220	10/669313	01/11/2006	Notice Of Allowance	
	221	10/669313	06/28/2006	Notice Of Allowance	
	222	10/669313	11/15/2006	Issue Notification	
	223	10/682459	12/04/2008	Office Action	
	224	10/682459	06/10/2009	Office Action	
	225	10/786444	10/17/2008	Office Action	
	226	10/786444	06/18/2009	Office Action	
	227	10/787073	11/12/2008	Office Action	
	228	10/787073	08/13/2009	Office Action	
	229	10/908721	11/25/2008	Office Action	
	230	10/908721	06/23/2009	Office Action	
	231	11/048503	03/13/2009	Office Action	
	232	11/048503	06/26/2009	Office Action	
	233	11/113549	07/21/2009	Office Action	
	234	11/152562	02/13/2009	Office Action	
	235	11/152562	07/06/2009	Office Action	
	236	11/344793	01/22/2009	Office Action	
	237	11/344868	03/25/2009	Office Action	
	238	11/344891	12/08/2008	Office Action	
	239	11/344891	02/26/2009	Office Action	
	240	11/390586	06/24/2009	Office Action	
	241	11/396141	05/22/2009	Office Action	

(Not for submission under 37 CFR 1.99)

Application Number	10/667,144
Filing Date	September 19, 2003
First Named Inventor	Michael T. Carley
Art Unit	3734
Examiner Name	Lindsey Michele Bachman
Attorney Docket Number	16497.1.1.5

	OFFICE ACTION / NOTICE OF ALLOWANCE / ISSUE NOTIFICATION DOCUMENTS					
Examiner Initials*	Cite No.	Application Number	Mail Date	Document		
	242	11/396731	02/13/2009	Office Action		
	243	11/396731	05/22/2009	Office Action		
	244	11/406203	03/03/2009	Office Action		
	245	11/411925	01/12/2009	Office Action		
	246	11/427297	01/30/2009	Office Action		
	247	11/461323	05/02/2007	Office Action		
	248	11/461323	10/29/2007	Office Action		
	249	11/461323	04/25/2008	Office Action		
	250	11/461323	11/06/2008	Office Action		
	251	11/461323	07/27/2009	Office Action		
	252	11/532325	02/23/2009	Office Action		
	253	11/532325	06/17/2009	Office Action		
	254	11/744089	11/26/2008	Office Action		
	255	11/744089	08/14/2009	Office Action		
	256	12/106928	01/23/2009	Office Action		
	257	12/106937	03/30/2009	Office Action		
	258	29/296370	08/18/2008	Office Action		
	259	29/296370	12/02/2008	Notice Of Allowance		
	260	29/296370	04/01/2009	Notice Of Allowance		

EXAMINER SIGNATURE			
Examiner Signature		Date Considered	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

¹Applicant is to place a check mark here if English language translation is attached.